

# COURSE DETAIL

## ASTROBIOLOGY

**Country**

United Kingdom - Scotland

**Host Institution**

University of Edinburgh

**Program(s)**

University of Edinburgh

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Physics

**UCEAP Course Number**

119

**UCEAP Course Suffix****UCEAP Official Title**

ASTROBIOLOGY

**UCEAP Transcript Title**

ASTROBIOLOGY

**UCEAP Quarter Units**

8.00

**UCEAP Semester Units**

5.30

## Course Description

Astrobiology is an interdisciplinary science that examines the origin, evolution, distribution, and future of life in the universe. Areas that fall within its boundaries include the formation of planets and stars, the development of habitable conditions on planets, the origin of life, the evolution of life, life's limits in extreme environments, and the potential for life on other planets. The course provides a framework for introducing a wide range of topics in astronomy, physics, earth sciences, chemistry, and biology at introductory level. Students study the structure of life, the origin of life, past and present conditions on Mars and icy worlds such as Europa, the search for extrasolar planets, and the possibility of detecting signatures of life elsewhere.

## Language(s) of Instruction

English

## Host Institution Course Number

PHYS08051

## Host Institution Course Title

ASTROBIOLOGY

## Host Institution Course Details

<http://www.drps.ed.ac.uk/24-25/dpt/cxphys08051.htm>

## Host Institution Campus

Edinburgh

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Physics and Astronomy

## Course Last Reviewed

2024-2025

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